

Education and qualifications:

- Degree in Biology (1983-1988). University of Pavia (Italy). Dissertation (in Italian): *"Italian growth standards for several anthropometric measurements"*.

Post-graduate education:

- Specialization school in Health Statistics (1989-1991). University of Pavia (I). Dissertation (in Italian): *"The ECHRS survey on respiratory diseases: organization and potential for bias in a prevalence study"*.
- Ph.D. in Biomedical Statistics (1991-1996). Universities of Milano and Pavia (I). Dissertation (in Italian): *"Bias in observational epidemiology"*.

Scientific activity and employment:

- Attended for two years (1986-1988) the Dept. of Animal Biology, section of Human Anthropology (University of Pavia (I)) for the dissertation's research.
- Attended for five years (1990-1995) the Institute of Applied Sanitary Science, section of Medical Statistics (University of Pavia (I)) for the preparation of the specialization dissertation and for the Ph.D. activity.
- Visited the Danish Epidemiology Science Centre (University of Århus (DK)) on two occasions as a Ph.D. student (March 15th-June 15th, 1994 and March 1st-June 15th, 1995). Host: Prof. Jorn Olsen.
- Research assistant professor at The Danish Epidemiology Science Centre, Århus (DK): February 1st, 1996-June 30th, 2000.
- Research associate professor at The Danish Epidemiology Science Centre, Århus (DK): from July 1st, 2000 to June 30, 2004.
- Visiting researcher at NIEHS, Epidemiology Branch, Research Triangle Park (NC). From October 1st, 2001 to October 31, 2002. Host: Dr. Allen Wilcox.
- Research fellow at the Epidemiology Branch (NIEHS) since July 1, 2004.

Grants:

Awarded one of ten national grants from the Danish Medical Research Council, which paid for 42 months of salary (from July 1, 2000 to December 31, 2003) and for part of the cost for research on subfecundity and fetal growth within the Danish National Birth Cohort.

Articles in peer reviewed journals:

1. Basso O, Olsen J, Bisanti L, Juul S, Boldsen J and The European Study Group of Infertility and Subfecundity: Is seasonal preferences in pregnancy planning a source of bias in studies of seasonal variation in reproductive outcomes? *Epidemiology* 1995;6(1):520-24.
2. Bisanti L, Karmaus W, Basso O, Thonneau P, Olsen J and The European Study Group of Infertility and Subfecundity: Is shift work a risk factor for subfecundity? A European multicentre study. *J Occ Environ Med* 1996;38:352-358.
3. Basso O, Olsen J, Bisanti L, Karmaus W and The European Study Group of Infertility and Subfecundity: The performance of several indicators in detecting recall bias. *Epidemiology*. 1997;8:269-274.
4. Basso O, Olsen J, Bisanti L, Bolumar F, Küppers-Chinnow M and The European Study Group on Infertility and Subfecundity. Repeating episodes of low fecundability. A multicenter European Study. *Human Reproduction*. 1997;7:1448-53.
5. Basso O, Olsen J, Johansen AMT, Christensen K. Change in social status and risk of low birth weight in Denmark: population based cohort study. *BMJ* 1997;315:1498-1502.
6. Olsen J, Basso O, Spinelli A, Kuppers-Chinnow M and The European Study Group of Infertility and Subfecundity: Correlates of care seeking for infertility treatment in Europe: implications for health services and research. *Eur J Public Health* 1998;8:15-20.
7. Christensen K, Basso O, Kyvik KO, Juul S, Boldsen J, Vaupel JW, Olsen J. Fecundability of female twins. *Epidemiology* 1998;9:189-92.
8. Basso O, Olsen J, Knudsen L, Christensen K. Low birthweight and preterm birth after short interpregnancy intervals. *Am J Obstet Gynecol* 1998;178:259-63.
9. Basso O, Olsen J, Christensen K. The risk of preterm delivery, low birthweight and growth retardation following spontaneous abortion. A registry-based study in Denmark. *Int J Epidemiol* 1998;27:642-6.
10. Olsen J, Juul S, Basso O. Measuring time to pregnancy. Methodological issues to consider. *Human Reproduction*. 1998;13(7):1751-6.
11. Basso O, Olsen J, Christensen K. Study of environmental, social, and paternal factors in preterm delivery using sibs and half sibs. A population-based study in Denmark. *J Epidemiol Comm Health* 1999;53:20-23.
12. Christensen K, Olsen J, Nørgaard-Pedersen B, Basso O, Støvring H, Milhollin-Johnson L, Murray JC. Oral clefts, transforming-growth-factor-alpha gene variants, and maternal smoking. A population based case-control study in Denmark 1991-1994. *Am J Epidemiol* 1999;149:248-55.
13. Olesen AW, Basso O, Olsen J. An estimate of the tendency to repeat postterm delivery. *Epidemiology* 1999;10:468-9.
14. Olsen J, Basso O. Passiv rygning og hjerte-kar-sygdomme (Passive smoking and cardiovascular disease). *Commentary. Ugeskr Læger* 1999;161:3674-5.
15. Basso O, Olsen J, Christensen K. Recurrence risk of congenital malformations -the impact of paternal, social, and environmental factors: a population-based study in Denmark. *Am J Epidemiol*. 1999;150(6):598-604.

16. Basso O, Olsen J, Christensen K. Low birth weight and prematurity in relation to paternal factors. A study of recurrence. *Int J Epidemiol* 1999;28(4):695-700.
17. Olsen J, Bonde JP, Basso O, Hj  llund NHI, S  rensen HT, Abell A. Birth weight and semen characteristics. *Int J Andrology*. 2000;23:230-5.
18. Basso O, Olsen J, Holm, NV, Skytthe A, Vaupel JW, Christensen K. Handedness and mortality. A follow-up study of Danish twins born from 1900 to 1910. *Epidemiology* 2000;11:576-80.
19. Basso O, Fonager K, Olsen J. Are pregnancies shorter in leap years?. *Epidemiology* 2000;11:736-7.
20. Basso O, Juul S, Olsen J. Time to pregnancy as a correlate of fecundity: differential persistence in trying to become pregnant as a source of bias. *Int J Epidemiol* 2000;29:856-861.
21. Yuan W, Basso O, S  rensen HT, Olsen J. Maternal prenatal lifestyle factors and Infectious disease in early childhood: a follow-up study of hospitalization within a Danish Birth Cohort. *Pediatrics* 2001;107:357-362.
22. Kaharuza F, Sabroe S, Basso O. Choice and chance: determinants of short interpregnancy intervals in Denmark. *Acta Obstet Gynecol Scand*. 2001;80(6):532-8.
23. Basso O, Christensen K, Olsen J. Higher risk of pre-eclampsia after change of partner. An effect of longer interpregnancy intervals? *Epidemiology*. 2001;12(6):624-9.
24. Basso O, Olsen J. Sex ratio and twinning in women with hyperemesis or pre-eclampsia. *Epidemiology*. 2001;12(6):747-9.
25. Yuan W, Basso O, Sorensen HT, Olsen J. Indicators of fetal growth and infectious disease in childhood--a birth cohort with hospitalization as outcome. *Eur J Epidemiol*. 2001;17(9):829-34.
26. Vestergaard M, Basso O, Henriksen TB, Ostergaard J, Olsen J. Febrile convulsions and sudden infant death syndrome. *Arch Dis Child*. 2002;86:125-6.
27. Vestergaard M, Basso O, Henriksen TB, Ostergaard JR, Olsen J. Risk factors for febrile convulsions. *Epidemiology*. 2002;13:282-7.
28. Zhu JL, Basso O, Hasle H, Winther JF, Olsen JH, Olsen J. Do parents of children with congenital malformations have a higher cancer risk? A nationwide study in Denmark. *Br J Cancer*. 2002;87:524-8.
29. Yuan W, Basso O, Sorensen HT, Olsen J. Fetal growth and hospitalization with asthma during early childhood: a follow-up study in Denmark. *Int J Epidemiol*. 2002;31:1240-5.
30. Christensen K, Kohler HP, Basso O, Olsen J, Vaupel J, Rodgers JL. Genetic factors in fecundability: A population-based twin study. *Epidemiology*. 2003;14:60-4.
31. Basso O, Weinberg CR, Baird DD, Wilcox AJ, Olsen J. Subfecundity as a correlate of pre-eclampsia. *Am J Epidemiol*. 2003;157:195-202.
32. Olesen AW, Basso O, Olsen J. Paternal genetic contribution to recurrence of prolonged pregnancy. *BMJ*. 2003;326(7387):476.
33. Vestergaard M, Basso O, Henriksen TB, Ostergaard J, Secher NJ, Olsen J. Pre-eclampsia and febrile convulsions. *Arch Dis Child*. 2003;88:726-7

34. Olsen J, Campi R, Frydenberg M, Basso O, Ebbesen P. Studying health consequences of microchimerism. Methodological problems in studying health effects of procreation with multiple individuals. *European J Epidemiol.* 2003;18:623-9.
35. Basso O, Baird DD. Infertility and preterm delivery, birthweight, and Caesarean section: a study within the Danish National Birth Cohort. *Human Reprod.* 2003;18:2478-84.
36. Basso O, Wilcox AJ, Baird DD, Weinberg CR, Olsen J. Height and risk of severe pre-eclampsia. A study within the Danish National Birth Cohort. *Int J Epidemiol.* 2004;33:858-863.
37. Basso O, Nøhr EA, Christensen K, Olsen J. Risk of twinning as a function of maternal height and body mass index. *JAMA.* 2004;291(13):1564-6.
38. Yuan W, Sorensen HT, Basso O, Olsen J. Prenatal maternal alcohol consumption and hospitalization with asthma in childhood: a population-based follow-up study. *Alcohol Clin Exp Res.* 2004;28:765-8.
39. Basso O, Christensen K, Olsen J. Fecundity and twinning. A study within the Danish National Birth Cohort. *Hum Reprod.* 2004;19:2222-2226.
40. Campi R, Frydenberg M, Basso O, Ebbesen P, Olsen J. Having children with different men and subsequent cancer risk. A nationwide study in Denmark. *Br J Cancer.* 2004; 90:1374-7.
41. Basso O, Campi R, Frydenberg M, Koch-Henriksen N, Brønnum-Hansen H, Olsen J. Multiple sclerosis in women having children by multiple partners. *Mult Scler.* 2004;10:621-5.
42. Zhu JL, Madsen KM, Vestergaard M, Basso O, Olsen J. Paternal age and preterm birth. *Epidemiology.* 2005;16:259-262.
43. Basso O, Olsen J. Subfecundity and neonatal death. *BMJ.* 2005;330:393-394.
44. Herskind AM, Basso O, Skytthe A, Olsen J, Christensen K. Is the natural twinning rate still declining?. *Epidemiology.* *In press.*
45. Basso O, Frydenberg M, Olsen SF, Olsen J. Comparison of two definitions of small size at birth in relation to motor development at 6 months. *Epidemiology.* *In press.*

Chapters in books:

Olsen J, Basso O. Study design. In: *Teaching epidemiology*. Edited by J Olsen, R Saracci, D Trichopoulos. 2nd ed. Oxford University Press, 2001. p. 41-50.

Olsen J, Basso O. Reproductive epidemiology. In: Handbook of Epidemiology. Edited by J Pigeot and W Ahrens. Springer and Verlag, 2004. p.1043-1109.

Tutoring activity

I have participated in advising several students and PhD students at the Danish Epidemiology Science Centre and at the Institute of Epidemiology (University of Århus, DK).

Teaching activity

- Tutorial activity in Statistics and Mathematics for the 1st year Medical Students of the University of Pavia (I) (Academic years: 1990-91; 1991-92; 1992-93; 1993-94; 1994-95).
- Joint seminars of Statistics and Epidemiology for post-graduate Specialization Schools of Medicine, University of Pavia (I) (1990-91; 1991-92; 1992-93; 1993-94).
- Teacher at the post-graduate Specialization School in Health Statistics at the University of Pavia (I) on 'Statistical Analysis of epidemiological data' (1991-92; 1992-93).
- Teacher at the post-graduate Specialization School in Health Statistics at the University of Pavia (I) on 'Study design and methods in epidemiology' (1993-94; 1994-95).
- Supervisor of group work in the 'Advanced course in epidemiologic methods' for PhD students. University of Århus (DK). 24-25 January 1997.
- Teacher, with prof. Jørn Olsen, of the intensive course in epidemiology 'Design and Bias'. Specialization School in Health Statistics. Pavia (I), 7-11 April 1997.
- 'Linear regression and logistic regression. Basic concepts and applications in epidemiology'. Teaching seminar at the Meeting of the Danish Epidemiology Science Centre. 15 December 1997.
- Supervisor of group work in the 'Advanced PhD course in epidemiologic methods'. University of Århus (DK). 15-16 January 1998.
- Teacher of the course 'Design and interpretation of epidemiologic studies'. Specialization School in Health Statistics. Pavia (I), 11-13 February 1998.
- Teacher in the 'Advanced course in epidemiologic methods' for PhD students. University of Århus (DK), 12-13 June 1998.
- Teacher in the 'Advanced PhD course in epidemiologic methods'. University of Århus (DK), 17-19 June 1999.
- Teacher in the Ph.D. course on 'SPSS and data documentation'. University of Århus (DK), Spring 2000.
- Teacher at the Ph.D. course in Epidemiology, part 2, Case control studies. University of Århus (DK), 31 Aug-2 Sep 2000.
- Teacher in the PhD course in Epidemiology, part 2, Case control studies. University of Århus (DK), 29-31 August 2001.
- Teacher in the Ph.D. course in Epidemiology, part 2, Case control studies. University of Århus (DK), 21-23 May 2003.
- Teaching seminar at the Master of Public Health. 9 December 2003.
- Taught lecture on "Classic epidemiology" in the 1st Course in Statistical Genetic Analysis of Complex Phenotypes.